

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"6312733"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/14 14:23
S2	1	US5338931 OR US5118792 OR US5620732 OR US6312733 OR JP2003284937	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:24
S3	20902868	("5338931") OR ("5118792") OR ("5620732") OR ("6312733") OR (JP "2003284937")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:26
S4	4178	S3 AND antifreeze	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:28
S5	488	S4 AND ((bioactive)OR(food))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:29
S6	259	S5 AND (activity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:30
S7	20902868	("5338931") OR ("5118792") OR ("5620732") OR ("6312733") OR (JP "2003284937")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:32
S8	4178	S7 AND antifreeze	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:32
S9	488	S8 AND ((bioactive)OR(food))	US-	OR	ON	2010/09/16

			PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT			09:32
S10	259	S9 AND (activity)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:32
S11	259	S10 AND pd@<= "20031118"	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:33
S12	180	S10 AND pH	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:34
S13	166	S12 AND temperature	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:34
S14	119	S13 AND ((enzymatic)OR(biological))	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:35
S15	119	S14 AND method	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:36
S16	62	S15 AND inhibit	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:36
S17	61	S15 AND inhibiting	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERVENT	OR	ON	2010/09/16 09:36
S18	45	S16 AND S17	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2010/09/16 09:37

			DERWENT			
S19	78	S16 OR S17	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/16 09:37
S20	27	"5358931"	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/16 10:31
S21	32	"5620732"	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/16 11:17
S22	54	"5118792"	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/16 11:34
S23	3984861	(WO "1998004147")	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/17 14:07
S24	29826	Tsuda.inv.	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/17 14:07
S25	73870	"L1" AND S23	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/17 14:08
S26	73870	"L1" AND S23	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/17 14:08
S27	1349	S23 AND S24	US- PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT	OR	ON	2010/09/17 14:09
S28	13	S27 AND antifreeze	US- PGPUB; USPAT; USOCR;	OR	ON	2010/09/17 14:09

			FPRS; EPO; JPO; DERWENT		
S29	2	"10386529"	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2010/09/17 14:58
S30	379707	((TSUDA)OR(MIURA)OR(HIRAYAMA)OR(INOUE)OR(KITAGAWA)).inv.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2010/09/17 15:04
S31	80	S30 AND antifreeze	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2010/09/17 15:04
S32	4630433	WO 1998/004147	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2011/09/17 19:21
S33	4630433	(WO 1998/004147)	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2011/09/17 19:22
S34	187	S33 AND Fenn.inv.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2011/09/17 19:22
S35	10	S34 AND antifreeze	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2011/09/17 19:23
S36	1612	S33 AND Tsuda.inv.	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2011/09/17 19:24
S37	13	S36 AND antifreeze	US- PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON 2011/09/17 19:24

H:\ EAST\ Workspaces\ 10549874.wsp